

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04808

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>Int.Cl <sup>7</sup> G06F1/00, G06F9/445   |  |  |
|---|--|--|
| According to International Patent Classification (IPC) or to both national classification and IPC   |  |  |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>Int.Cl <sup>7</sup> G06F1/00, G06F9/445   |  |  |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>Jitsuyo Shinan Koho 1926-1996 Jitsuyo Shinan Toroku Koho 1996-2003<br>Kokai Jitsuyo Shinan Koho 1971-2003 Toroku Jitsuyo Shinan Koho 1994-2003   |  |  |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  |  |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |  |  |
| Category*   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.  |
| X   | JP 8-190529 A (Fujitsu Ltd.),<br>23 July, 1996 (23.07.96),<br>Full text; all drawings<br>(Family: none)                                  | 1, 10, 11, 16,<br>17<br>7<br>2-6, 8, 9,<br>12-15                                 |
| Y   | JP 2000-242491 A (Matsushita Electric Industrial Co., Ltd.),<br>08 August, 2000 (08.08.00),<br>Full text; all drawings<br>(Family: none) | 7  |
| A   | JP 2002-91772 A (NEC Corp.),<br>29 March, 2002 (29.03.02),<br>Full text; all drawings<br>(Family: none)                                  | 1-17   |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.  |  |  |
| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier document but published on or after the international filing date<br>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art<br>"&" document member of the same patent family |  |  |
| Date of the actual completion of the international search<br>29 July, 2003 (29.07.03)   |  | Date of mailing of the international search report<br>12 August, 2003 (12.08.03) |
| Name and mailing address of the ISA/<br>Japanese Patent Office  |  | Authorized officer   |
| Facsimile No.   |  | Telephone No.  |

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**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| A         | JP 2000-311083 A (Casio Computer Co., Ltd.),<br>07 November, 2000 (07.11.00),<br>Full text; all drawings<br>(Family: none) | 1-17                  |